

# Table of Contents

**Volume 10    Number 5**

**May 2019**

**Refinement and Quantification of Terrain-Induced Effects on Global Gravity Data**

O. I. Apeh, E. C. Moka, V. N. Uzodinma, E. S. Ebinne.....513

**Tectonic Analysis of the Al Hamadah Al Hamra Plateau of the Ghadamis Basin (NW Libya):  
Hydrological Network, Sinkholes, Folds and Fractures. Style of Reactivation and Setting of  
Cenozoic Volcanism**

M. A. Benissa, J. Chorowicz.....527

**Do Near-Solar-System Supernovae Enhance Volcanic Activities on Earth and Neighbouring  
Planets on Their Paths through the Spiral Arms of the Milky Way, and What Might Be the  
Consequences for Estimations of Earth's History and Predictions for Its Future?**

H.-J. Brink.....563

**The Estimation of Soil Organic Matter Variation in Arid and Semi-Arid Lands Using Remote  
Sensing Data**

M. Ibrahim, F. Ghanem, A. Al-Salameen, A. Al-Fawwaz.....576

**A GIS-Based Geological Model for Assessing the Reserves of Phosphate in the Tozeur-Nefta  
Field, Southern Tunisia**

S. Ouerghi.....589